

WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

CESSNA AIRCRAFT COMPANY

SINGLE ENGINE DIVISION



MODEL	SERIAL & REGISTRATION		WEIGHT	ARM	MOMENT
172S	172S9962	N2291C	(lbs)	(in)	(lb-in)
(calculated)	STANDARD EMPTY WEIGHT		1,663.2	40.719	67,724
INSTALLED EQUIPMENT			<i>Net Change from Standard Aircraft</i>		
AIRSPPEED INDICATOR			0.0	0.000	0
ALTIMETER WITH 20 FT MARKING, DUAL WINDOW, 20000 FT			0.0	0.000	0
ATTITUDE INDICATOR			0.0	0.000	0
COMPONENTS REQUIRED FOR FRONT SEAT INFLATABLE			0.3	45.300	14
DUAL AXIS AUTOPILOT			19.7	91.200	1,797
EMERGENCY LOCATOR TRANSMITTER INSTL			0.0	0.000	0
ENGINE, LYCOMING IO-360-L2A			0.0	0.000	0
PROPELLER ASSY, MCCAULEY, FIXED PITCH, 1A170E/JHA7660			0.0	0.000	0
STC SA01700LA FRONT SEAT INFLATABLE RESTRAINT SYSTEM			3.8	45.300	172
VINYL/LEATHER SEATS			0.0	0.000	0
WHEEL FAIRING INSTALLATION			16.5	46.100	761
FIRE EXTINGUISHER INSTALLATION			0.0	0.000	0
INTERIOR INSTALLATION			0.0	0.000	0
AFT AVIONICS COOLING FAN			1.1	109.500	120
AVIONICS COOLING FAN			0.5	12.400	6
BLIND TURN COORDINATOR			1.0	14.300	14
EQUIPMENT REMOVED FOR NAVIII			-34.4	-48.700	-1,675
GDC-74 AIR DATA COMPUTER (ADC)			1.7	118.690	202
GDL-69A XM WEATHER DATALINK RECEIVER			4.0	47.000	188
GDU-1040 MFD DISPLAY			6.4	16.260	104
GDU-1040 PDF DISPLAY			6.4	16.260	104
GEA-71 ENGINE ANALYZER			2.2	11.450	25
GIA-63#1 COM/NAV/GPS COMPUTER			5.2	113.400	590
GIA-63#2 COM/NAV/GPS COMPUTER			5.2	113.400	590
GMA-1347 AUDIO PANEL			1.5	14.000	21
GMU-44 MAGNETOMETER			0.3	52.650	16
GRS-77 ATTITUDE HEADING REFERENCE SYSTEM (AHRS)			2.5	118.750	297
GTX-33 TRANSPONDER			3.1	114.000	353
MFD FAN			0.1	13.870	1
NAV III ANTENNA WIRING			3.5	44.000	154
NAV III AVIONICS WIRING			25.7	55.000	1,414
PFD FAN			0.1	13.660	1
SINGLE VACUUM PUMP			3.1	-6.520	-20
STANDBY BATTERY INSTALLATION			14.0	11.200	157
WIRING SUPPORT MODULE			0.7	12.000	8

The weight and balance data shown in this report are computed on the basis of Federal Administration approved procedures for establishing fleet weight averages. [Far 21.327(f)(2)]

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This list contains all installed optional equipment and avionics. All weights and arms are the installed difference from a standard equipped aircraft. For a detailed list of aircraft equipment weight and balance data, please refer to the comprehensive equipment list in the pilots operating handbook.

BASIC EMPTY WEIGHT	1,757.4	41.617	73,137
USEFUL LOAD	800.6		
MAXIMUM RAMP WEIGHT	2,558.0		
MAXIMUM TAKE-OFF WEIGHT	2,550.0		

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Numerical values shown may be rounded from actual values. Therefore, the product of weight times arm may not equal the listed be rounded from actual values.